

## CP82 LARGE THRU-BORE PROGRAMMABLE INCREMENTAL ENCODER

The new **CP82 programmable incremental encoder** from Lika Electronic offers a comprehensive solution tailored to individual specifications.

It is **fully customizable** and provides exceptional flexibility and versatility across various industrial applications, thanks to complete parametrization via PC. This encoder features precise optical scanning and a rugged design with a die-cast housing.

It has a protection rating of up to IP65, and its operating temperature range extends from  $-40^{\circ}\text{C}$  to  $+100^{\circ}\text{C}$  ( $-40^{\circ}\text{F}$  to  $212^{\circ}\text{F}$ ). What makes this encoder stand out in our lineup is its **large through hollow shaft, which ranges from 30 mm to 44 mm** and can accommodate a reducing sleeve to fit specific applications, particularly big-size motors.

In addition, several fixing plates are available upon request to meet individual requirements.

Using the IF100 programming tool along with the complimentary software, the encoder can be configured to support **any resolution value from 1 to 65,536 pulses**.

Additionally, it is possible to program the position and duration (90 or 180 electrical degrees) of the Index mark, as well as the counting direction.

The encoder provides ABO and inverted /ABO signals through the Line Driver and Universal output circuits, and operates with a power supply voltage ranging from +5Vdc to +30Vdc. Either the cable or M23 connector outputs can be selected.

